

November 13, 1997  
**CERTIFIED MAIL**

LFR 315-72217-00-000

Mr. William Hadsell, Case Manager  
New Jersey Department of Environmental Protection  
Bureau of Environmental Evaluation and Clean-up Responsibility Assessment  
CN 028  
Trenton, NJ 08865

Subject: Towne Laboratories Inc.  
Well Installation Activities on Color Technology Property  
ISRA Case No. 93452

RESPONSE & PREVENTION BRANCH  
97 DEC 16 PM 12:04

Dear Mr. Hadsell:


Towne Laboratories is proceeding, as instructed by the NJDEP, to evaluate the groundwater on the adjacent Color Technology property. An access agreement was reached and Mr. Curtis, owner of the Color Technology property, recently allowed Levine-Fricke-Recon (LFR) to inspect his property to select monitoring well locations.

Well permits were obtained last week and LFR sent Mr. Curtis a request to schedule the well installations. Before we install the wells, we ask that you review our proposed activities and provide us with your comments. We will be constructing two, flush-mounted wells and will enclose the wellheads within a concrete vault (for protection and security).

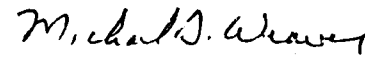
Enclosed with this letter is the full scope of work we are conducting on the Color Technology property. Please review the scope and indicate if it meets with the approval of the NJDEP. A copy of the well construction design and well location plan are included. We also are submitting a copy of this letter to Mr. Bechtel of the USEPA, so that he is aware of our proposed activities and can determine if our activities will in any way interfere with activities proposed by the USEPA.

We anticipate that we will be installing the wells within the next few weeks. If we do not hear from you within the next two weeks, we will assume that our proposed activities meet with your approval and we will proceed as indicated.

Sincerely,

  
William S. Brokaw, CHMM  
Scientific Associate

Reviewed by:

  
Michael D. Weaver, CPG  
Senior Geologist

WSB/ymt  
Enclosure

cc: Jack Obzansky  
Lisa Amorosa, Esq.  
Richard Conway, Esq.  
Carl Curtis

Andrea Lipuma, Esq.  
Hersharon Dhillon



244382



### **Well sampling**

Two (2) weeks following installation and development of the wells, a complete round of well sampling will be conducted. The new wells (2) on the Color Technology property and the existing wells (5) on the Towne Laboratories property will all be sampled and the samples analyzed for volatile organic compounds and priority pollutant metals. In addition, field parameters will also be measured (dissolved oxygen, pH, conductivity, temperature, and water levels). The samples will be transported to Townley Laboratories for analysis.

### **Reporting and Project Management**

Upon receipt of analytical data, a report will be generated that provides results, groundwater flow contours, contaminant isopleths and a discussion of the hydrological relationship between the Color Technology site and the Towne Laboratories site. The report will be prepared according to the requirements of NJAC 7:26 and will contain the appropriate data tables, site and area maps and laboratory QA/QC documentation.

Only one round of groundwater sampling is proposed at this time. If a second round of sampling is required it will be conducted as a separate task. The wells to be constructed will remain in place until all appropriate data has been collected. When the wells are no longer needed for the Towne Laboratories ISRA case they will be properly sealed and abandoned. The concrete vaults housing the wells will be removed from the Color Technology site and the areas restored.

**PROPOSED SCOPE OF WORK FOR INSTALLING WELLS ON COLOR TECHNOLOGY  
PROPERTY, SOMERVILLE NJ AS PART OF TOWNE LABORATORIES ISRA CASE NUMBER  
93-452**

Color Technology agreed to allow Towne Laboratories access to their property for the purpose of installing and sampling monitoring wells (as directed by the NJDEP). Article 6 of the access agreement indemnifies Color Technology against damages, losses, liabilities and expenses arising out of the work to be performed by Levine·Fricke·Recon (LFR) on behalf of Towne Laboratories. The Color Technology site has been operating for over 50 years as a paint manufacturing facility and was recently listed by the USEPA and NJDEP as an abandoned, uncontrolled hazardous waste site. Fourteen underground storage tanks reportedly exist at the site. There is also the possibility of other chemical or physical hazards.

Therefore the proposed scope of work to investigate Color Technology was designed to minimize potential damages to Color Technology property and potential dangers to LFR personnel. The following is a description of the activities that will be performed to complete this investigation.

The remedial investigation of the Color Technology site will be conducted in six general phases and will include sampling and analysis of the existing wells on the Towne Laboratories property. The six phases of the investigation are:

- a site inspection of Color Technology,
- well permit applications and construction design,
- preparation of a site specific health and safety plan,
- site preparation,
- well installations, surveying, and site restoration
- well sampling.

The activities for each phase are described below.

**Site Inspection of Color Technology**

A senior geologist and a scientific associate from Levine·Fricke·Recon (LFR) will meet with the owner of the Color Technology property, Mr. Carl Curtis, for the purpose of inspecting the site, learning the location of known underground utilities, measuring the site (for the generation of a site plan) and selecting the locations for two shallow monitoring wells.

## **Well Permit Application and Construction Design**

Following the site inspection, LFR will apply for the appropriate well installation permits from the NJDEP and will design the construction of the wells. The wells need to be designed with a higher than normal level of security to reduce the possibility of tampering or damage.

LFR will prepare the well permits for signature by a representative of Towne Laboratories and then submit the permits to the NJDEP for approval. A design engineer will create a scaled diagram of the well construction. The well construction design will be provided to Mr. Curtis and will be utilized by the drilling crew that will be installing the well.

## **Preparation of a Site Specific Health and Safety Plan**

Prior to conducting well installation activities, LFR will prepare a site specific health and safety plan (HASP) for use by LFR personnel. The HASP will comply with the requirements of 29 CFR 1910 and will be written to cover well installation and well sampling activities. The HASP will prescribe the levels of personnel protection to be used by site personnel, monitoring protocols and actions to be taken in the event of an accident.

## **Site Preparation**

The day prior to drilling wells at the site, LFR will conduct one full day of site preparation activities. These activities will include the preparation of a decontamination area and manually advancing exploratory borings to assure that underground utilities are not present in the locations selected for monitoring wells. The decontamination area will be used to clean the drilling and sampling equipment prior to leaving the site.

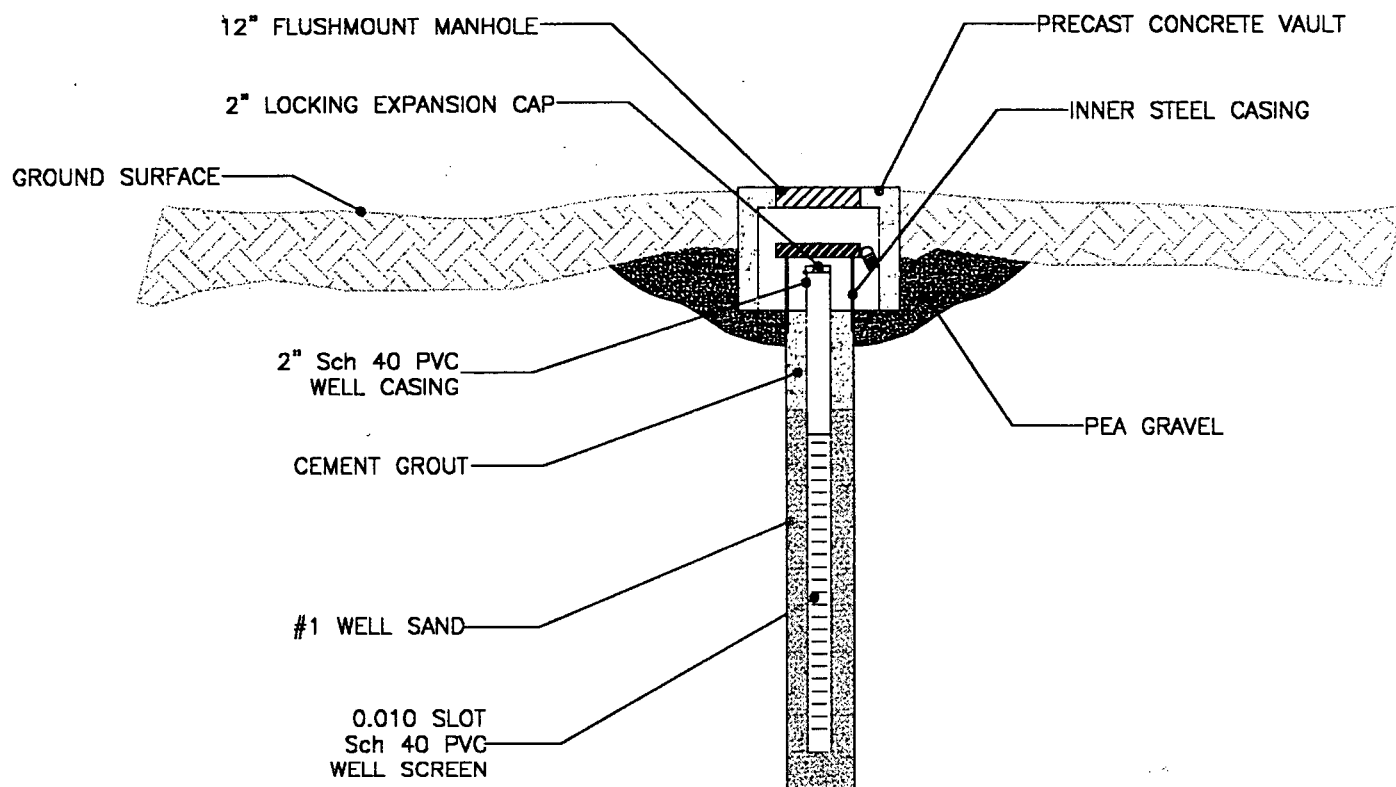
## **Well Installations, Surveying and Site Restoration**

Following site preparation activities, LFR will install two shallow monitoring wells on the Color Technology property. The wells will be installed to a depth of approximately twenty (20) feet and will be constructed of two (2) inch PVC. LFR proposes to install a steel outer casing over the PVC wellhead and then place a prefabricated concrete vault over the steel casing.

Two crews will be working simultaneously at the site. The drilling crew will work on the installation of the wells and a second crew will install the casing and vault. A small, backhoe will be used for installation of the vaults. Following well installation activities, the wells will be surveyed to determine NJ State Plane coordinates and elevations (as per NJAC 7:26E) and the site will be restored. The decontamination area will be demobilized, wash water, well development water and soil cuttings will be drummed and the drums staged onsite next to the wells. The work areas around the wells will be cleaned and raked. The surface soil (approximately one - two cubic yards) that is excavated for the concrete vault will be stockpiled near each well and surrounded by silt fencing to prevent erosion.



# GROUNDWATER MONITORING WELL (FLUSH MOUNT)



TITLE:

PROPOSED MONITORING WELL  
WITH SECURED WELL HEAD



**Levine • Fricke • Recon**

ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

5 JOHNSON DRIVE, P.O. BOX 130  
RARITAN, NEW JERSEY 08869-0130  
(908) 526-1000/FAX (908) 526-7886

CLIENT/LOCATION:

COLOR TECHNOLOGY  
CORNELL BLVD  
SOMERVILLE NJ

DATE: 11/5/97  
DRAWN BY: MJH  
CHECKED BY: MDW  
APPROVED BY: WSB  
JOB NO.: 315-72217-00-000

CUSTOMER REF. NO.:  
NA  
CUSTOMER APPROVAL:  
NA  
CONTRACT NO.:  
NA

REV.

SHEET:

DWG. No.:

CAGE CODE:

SCALE:

SIZE

0

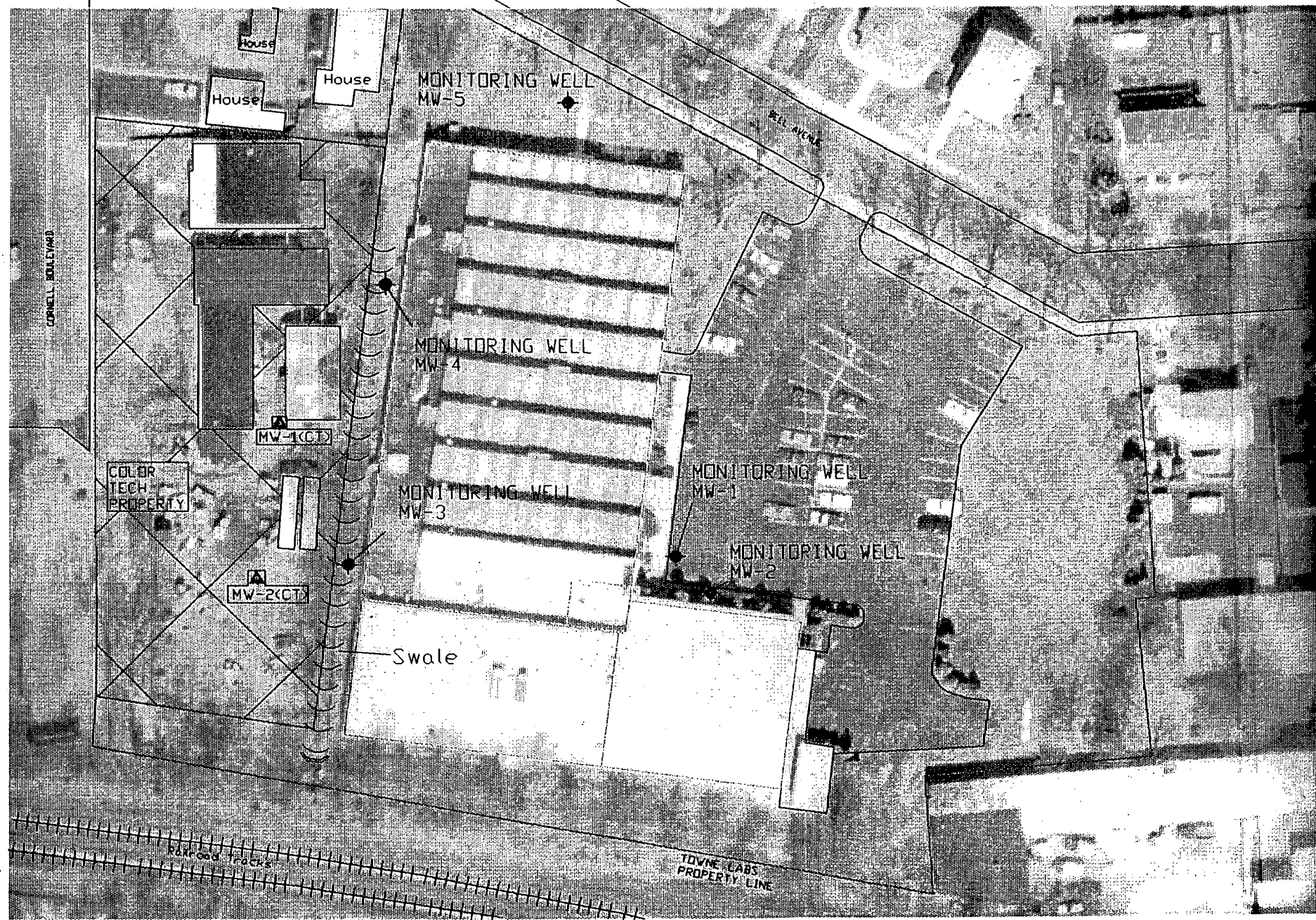
NA

72217-00-700

315-5

NTS

A



- Existing Well Location
- Proposed Well Location

Aerial photo obtained from Robinson Aerial Surveys Inc.  
Date of Photo: 4/3/97

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED
1	ORIGINAL ISSUE		

**Levine • Fricke • Recon**

ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS


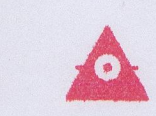
5 JOHNSON DRIVE, P.O. BOX 130  
RARITAN, NEW JERSEY 08869-0130  
(908) 526-1000/FAX (908) 526-7886

DWG. No.: 72217-00-100	SHEET: 1 of 1	SCALE: NTS
---------------------------	------------------	---------------

<b>TITLE:</b> Color Technology - Proposed Wells	<b>DATE:</b> 10/15/97
	<b>DRAWN BY:</b> WSB
<b>CLIENT/LOCATION:</b>  Towne Laboratories Cornell Blvd. Somerville, NJ 08876	<b>CHECKED BY:</b> MJH
	<b>APPROVED BY:</b> MDW
	<b>JOB NO.:</b> 72217-00-000
	<b>CUSTOMER REF. NO.:</b> NA
	<b>CUSTOMER APPROVAL:</b> NA
	<b>CONTRACT NO.:</b> NA

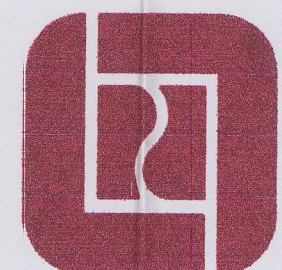




-  Existing Well Location
-  Proposed Well Location

Aerial photo obtained from Robinson Aerial Surveys Inc.  
Date of Photo: 4/3/97

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED



## Levine • Fricke • Recon

ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

5 JOHNSON DRIVE, P.O. BOX 130  
RARITAN, NEW JERSEY 08869-0130  
(908) 526-1000/FAX (908) 526-7886

DWG. No.:  
72217-00-100

SHEET:  
1 of 1

SCALE:  
NTS

<b>TITLE:</b> Color Technology – Proposed Wells	<b>DATE:</b> 10/15/97	<b>DRAWN BY:</b> WSB
	<b>CHECKED BY:</b> MJH	<b>APPROVED BY:</b> MDW
<b>CLIENT/LOCATION:</b>  Towne Laboratories Cornell Blvd. Somerville, NJ 08876	<b>JOB NO.:</b> 72217-00-000	<b>CUSTOMER REF. NO.:</b> NA
	<b>CUSTOMER APPROVAL:</b> NA	<b>CONTRACT NO.:</b> NA